Dell™ Latitude ON™ Flash Help

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NOTE: Latitude ON and Precision ON are used interchangeably depending upon the system. In this document, we use the term "Latitude ON" to refer to both the *Latitude ON* and *Precision ON* features.

NOTE: For quick answers to the most commonly asked questions, please visit **http://support.dell.com**. Go to **Product Support > Troubleshooting** and enter the requested information to view the FAQs for Latitude ON Flash.

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Setting Up Dell™ Latitude ON™ Flash

To use *Account Setup* in Windows:

If you have not yet created a Latitude ON Flash user account, then after you have booted your computer to the Windows® operating system, a *Welcome* message box informs you that *Latitude ON™ Flash* is installed on the computer, and invites you to use it. First, you will need to create an account for use with Latitude ON Flash.

1. Click the **Set Up Now** button. The **Account Setup** dialog box will open. Your current Windows User Name is shown in the **Account Setup** dialog box. This name will be used for your Latitude ON Flash user account.
2. Enter a password for use with Latitude ON Flash. To view the rules for password creation, click the question mark icon in the **Account Setup** dialog box.
3. Type the password again in the **Confirm** field.
4. Click **OK**. The First-Time Wizard will run, as explained below.

To use *Account Setup* in Latitude ON Flash:

Press the **Latitude ON** button ( ) on your keyboard. If you have not yet created a Latitude ON Flash user account, a message displays and offers two choices for creating your account:

- The first option is "Create an account using your Windows login name." This is the recommended method. If you select this button and then click **Set Up Now**, your computer will restart and boot to the Windows OS. You can then select **Start Menu > Programs > Dell Latitude ON Flash Tool > Dell Latitude ON Configuration Utility** and create your account as described above. Your Windows login name will be used as your Latitude ON Flash user name, and you only need to create a password.
- Alternatively, you can click the second button. This option uses the default name "User" in Latitude ON Flash. This option will not allow you to use your Windows login name and password. Click **Set Up Now** and create your password. To view the rules for password creation, click the question mark icon in the **Account Setup** dialog box. After you create a password and click **OK**, the First-Time Wizard runs.

First-Time Wizard

After you have created the account, the First-Time Wizard will be launched. It allows you to set some initial preferences. You will have the opportunity to:

- Select language and keyboard.
- View the End-User License Agreement (you must click **Accept** to continue).
- Set date, time, and time zone (you can change this in the future using Date and Time in the Settings panel).
- Specify network settings.
- Configure One-Click Access to Web Email. You can optionally enter your Email address and Password associated with the web-based Email service you chose. If you do this, you will automatically be logged in to that Email service every time you click the **Mail** icon in the future.
- Select a default remote desktop protocol (Citrix® Receiver™, VMware® View Client, or rdesktop).

After the First-Time Wizard has completed, you will be able to select various applications from the LaunchBar, located at the bottom of the Latitude ON screen by default.

To configure further preferences, click the **Settings** icon in the LaunchBar and use the Settings Panel.

NOTE: After you have set up a Latitude ON Flash user account, you can open the Configuration Utility from the Start

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Menu at any time (**Start Menu > Programs > Dell Latitude ON Flash Tool > Dell Latitude ON Configuration Utility**). This utility allows you to make changes to your account or to delete your account. If you delete your account, pressing the Latitude ON (∞) button on your keyboard would once again launch the **Dell Latitude ON Account Setup Wizard**.

Subsequent Log-ins

After you have created an account, a Login screen will appear each time you launch Latitude ON Flash. If there is more than one user and your User ID is not displayed, click **change user** and select your User ID from the list.

If you are in the Windows environment and press the **Latitude ON** button, this will hibernate Windows and boot to the Latitude ON Flash environment.

After you have logged in successfully, the first screen of Latitude ON Flash will display. It contains icons for Mail, the Web browser, Chat instant messaging, VoIP (Skype™), and the Remote Desktop application which you have currently set as the default.

NOTE: To change the keyboard type, click the *Keyboard* icon near the bottom of the Login screen. Then, enter your password and click the **Log in** button.

NOTE: Latitude ON Flash prompts you to enter the password during every new session. If you enter a wrong password five consecutive times, the computer shuts down. Restart your computer in the Latitude ON mode to try again.

Exiting Latitude ON Flash

Click the **Enter OS** button if you wish to exit Latitude ON Flash and boot to the Windows operating system. Click the **Shut Down** button to turn off the computer. In either case, your changes will automatically be saved.

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Configuring Network Settings

- Enabling LAN, WiFi, or WWAN
- Connecting to a Local Area Network (LAN)
- Connecting to a Wireless Network (WiFi)
- Connecting to a Mobile Broadband Network (WWAN)

Enabling LAN, WiFi, or WWAN

Before you start using your computer in the Dell™ Latitude ON™ mode, you must configure it to connect to either a LAN, WiFi, or WWAN. The first time you launch Latitude ON Flash, a First-Time Wizard will guide you through the network setup process. You can also configure settings at any time, as explained below.

1. Open the **Network Configuration** dialog box by either:

   - Clicking the **Network** icon on the LaunchBar. (Hovering the mouse pointer over this icon displays the current LAN and WiFi connection status.)
   - Clicking the **WWAN** icon icon on the LaunchBar, available if a WWAN device is detected. (Hovering the mouse pointer over the icon displays the current WWAN connection status and the detected signal strength.)
   - Clicking the **Settings Panel** icon on the LaunchBar, then clicking **Network** within the Settings Panel.

2. Select your connection type by clicking **WIFI**, **LAN**, or **WWAN** at the left side of the **Network Configuration** dialog box.

3. If the **Enable** checkbox is not checked, click the checkbox to enable the connection. (If the checkbox is checked, clicking it will disable the connection.)

If the network settings are properly configured, then after establishing a connection for the first time, Latitude ON Flash automatically recognizes the connection and connects to the enabled network, whether it is LAN, WiFi, or WWAN; or a combination of them.

Connecting to a Local Area Network (LAN)

For standard automatic connection:

1. Ensure that a network cable has been plugged in to your computer.
2. After a cable has been connected, the DHCP service is available on your network by default, and you should get the appropriate IP/DNS settings automatically.

However, if you wish to specify connection settings manually:

1. Click **LAN** at the left side of the **Network Configuration** dialog box.
2. Uncheck the **IP Settings** and **DNS Settings** checkboxes. This enables the fields under them for manual text input.
3. Enter the values for IP or DNS settings assigned by your IT staff.
   Alternatively, you can click **Connection Assistant** in the bottom right corner of the dialog box. This convenient feature guides you through the configuration process.

Connecting to a Wireless Network (WiFi)

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1. Click **WiFi** at the left side of the **Network Configuration** dialog box. A list of available networks, their signal strength, and security levels will be shown.
2. Select the network you want to connect to.
    - To connect to a non-broadcasting WiFi network, click the **+** icon. The **Connect to Network** dialog box opens. Enter the Network Name and Password, and other information needed to connect.
3. Enter or select the WiFi network's connection information (Security Type, IP/DNS settings, Password, etc.) to connect. Click **Advanced Settings** if you wish to set the IP/DNS manually.

Connecting to a Mobile Broadband Network (WWAN)

If you have a WWAN device installed, this tab will be available for use. Otherwise, "No Device" will be displayed under "WWAN" at the left side of the **Network Configuration** dialog box, and the **Settings** button will be disabled.

In addition, if a WWAN device is inserted, a **WWAN** icon will be displayed in the LaunchBar. If the device is detected but not currently enabled, it will display as . Hovering the mouse pointer over the icon will display the current WWAN connection status and the detected signal strength. Clicking on the icon will open the **Network Configuration** dialog box, with the **WWAN** tab active.

NOTE: Your WWAN account as well as your WWAN card MUST be activated/registered before you can use it. In addition, the first time you use it, you will be prompted to select your **Country** and WWAN **Service Provider** name (Operator Name) from drop-down lists.

If a SIM card is inserted, Latitude ON Flash can generally detect the required information and automatically create a profile, ready for connection.

However, you can also create a profile manually. First, some notes:

- For an EV-DO type of WWAN network (such as Verizon or Sprint), you will *not* need a profile.
- For a WCDMA WWAN network (such as AT&T), you *do* need a profile in order to use a WWAN connection.
- For a WCDMA (UMTS) type of WWAN network, you may need to know Access Point Name (APN), Username, Password, and PIN information.

1. Click **WWAN** at the left side of the **Network Configuration** dialog box.

2. Click **Settings** to access four tabs for advanced settings, if needed: **Profiles**, **PIN**, **Radio Preference**, and **Device Properties**.

- In the **Profiles** tab, click **New** to create a new profile (specify Profile Name, Operator Name, User Name, Password, and Access Point Name). Or, you can select already-existing profiles and click **Edit** to modify them, or **Delete** to remove them.
- Select the **PIN** tab if you want to enter or change the associated WWAN Personal Identification Number. Check the **Enable PIN** checkbox to require PIN entry, or un-check it if you want to disable this requirement. (This is similar to the way you might protect your mobile phone from unauthorized use by setting up a PIN.)
- In the **Radio Preference** tab, you can specify the radio preference used for connection.
- The **Device Properties** tab displays a variety of information about the WWAN hardware device.

3. When finished with the four **Settings** tabs, click **OK**. You will be returned to the previous page and you can now check the **Enable** checkbox. (Note that the **Enable** checkbox will be available only if a WWAN profile has been created.) After the **Enable** checkbox has been checked, the process of detecting the SIM card and the operator (carrier) will begin. Strength and protocol will interactively be displayed during this time.

4. Click the **Connect** button to connect to the WWAN network. After a successful connection, the button label will change from "**Connect**" to "**Disconnect**." The three icons under the button display the following status:

Number of bytes uploaded are displayed to the right of this icon.

Number of bytes downloaded are displayed to the right of this icon.

Connection time is displayed to the right of this icon.

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Configuring Remote Connections

- Accessing a server remotely via **rdesktop**
- Accessing applications on a server remotely via **Citrix Receiver**
- Accessing a server remotely using **VMware View Client**

NOTE: If you use one of the three features above more than the others, you can set it as your "default remote desktop protocol." That is, it will be available in the first screen that appears when you launch Latitude ON Flash, for convenient selection. To do so, select Applications in the **Settings** panel, then click **Remote Desktop** and select the desired application.

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rdesktop

1. In the LaunchBar, click the **rdesktop** icon.
2. In the **rdesktop** dialog box, enter the IP address or Domain name of the server you wish to connect to.
3. The Windows® login window will open. Enter the related User ID and Password to access that server.

NOTE: You can right-click on the **rdesktop** icon in the LaunchBar and select **Edit** from the menu to open the **Edit rdesktop Settings** dialog box. (It can also be opened by clicking Applications in the **Settings** panel and then selecting **rdesktop**.) It allows you to conveniently enter the connection data for each desired server just one time and save it for future selection in the drop-down list.

Citrix® Receiver™

1. In the LaunchBar, select the **Citrix Receiver** icon.
2. In the **Citrix Receiver** window, select **Settings** from the Tools Menu.
3. In the **Settings** dialog box, click **Preferences** and then select **Citrix XenApp**.
4. Enter the URL of the Server you want to connect to. (You may need to click the **Change...** button to enable the **Server URL** field.)
5. Click **OK**. You will be returned to the initial **Citrix Receiver** window.
6. Open the View Menu and select **Citrix XenApp View**. The **Citrix XenApp Logon** dialog box opens.
7. Enter the related Username, Password, and Domain.
8. The applications that you have been authorized to use will be then be listed and available. Select the application you wish to use.

VMware® View Client

1. In the LaunchBar, select the **VMware View** icon.

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2. Enter the IP address of the desired server. Click **Connect**.
3. In the next dialog box that appears, enter the related Username, Password, and Domain.
4. Click the **Login** button. The system will then provide you the VMware environment you are authorized to access based on your enterprise rules.

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Using "Chat" Instant Messaging

- Setting Up Chat Accounts
- Adding Buddies and Groups
- Adding New Groups
- Sending a Chat message

Setting Up Chat Accounts

The *Chat* feature allows you to chat with your friends using your existing user accounts in a variety of popular Instant Messaging tools. You can also organize your "buddies" into groups, and perform many other functions. You can specify detailed Preferences settings and log in to multiple IM accounts simultaneously.

Click the **Chat** icon. The first time you start *Chat*, the **Accounts** dialog box will open. You will be required to identify at least one of your existing IM accounts to be used with *Chat*.

1. Ensure you have already created one or more User Accounts in at least one of the supported protocols.
2. Click the **Add** button in the **Accounts** window. The **Add Account** window will open.
3. In the *Basic* tab, open the **Protocol** drop-down list and select the protocol associated with the account you wish to add (such as AIM, MSN, Yahoo, etc.).
4. In the field under the **Protocol** field, enter the **name** of the corresponding account, the **Password** for that account, and then click **Save**. (Alias is optional.)

Adding Buddies and Groups

1. In the *Chat* window, select **Add Buddy...** from the Buddies Menu. The *Add Buddy* dialog box will open. It will already contain your Account Name near the top of the dialog box. The other fields will be blank.
2. Enter the Buddy's **username** (screen name) and optionally the **Alias** name of the person you want to add, and specify the **Group** you want him/her to be added to. You can either select an existing group from the drop-down list or you can type a new group name to add a new group.
3. Click the **Add** button. A notification will display to that person whom you are attempting to add, saying that you wish to add him/her to your Buddy List. Then he or she can choose to allow it or not. (By the same token, you can choose to **Deny** or **Authorize** attempts by others to add you to their Buddy List.)

Adding New Groups

Select **Add Group...** from the Buddies Menu. The *Add Group* dialog box will open. Simply type the desired name for the new group into the **Please enter the name of the group to be added** field and then click the **Add** button.

In the *Chat* window, you can click on a group name to display a list of all buddies currently in that group.

Note also that if you hover the mouse pointer over a Buddy's name in that list, information about that Buddy will be displayed. In the displayed information, **Has You** refers to whether or not that person has you included in his/her Buddy List. If **Yes** is displayed, then you *are* in his/her Buddy List.

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Sending a Chat message

Double-click on the name of the Buddy to whom you want to send a message and then type the message into the *New Instant Message* dialog box. Alternatively, you can select **New Instant Message...** from the Buddies Menu in the *Chat* window and then enter the Alias or the Screen Name of the Buddy you want to send a message to.

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Setting Up Your Latitude ON™ Flash Email

Before you begin sending or receiving Email in the Latitude ON™ mode, you must specify which web-based Email client you want to use with Latitude ON Flash.

During the First-Time Wizard, you were given an opportunity to do this. If you skipped this set-up during the First-Time Wizard, then the same dialog box will appear the first time you click the **Mail** icon in the LaunchBar or in the main screen of Latitude ON Flash.

Click the **Mail** icon.

- If you have already specified the web-based Email service you want to use with Latitude ON Flash, the "login page" for that web-based Email service will automatically be launched, and you can enter your login and password as usual.
- If you have not yet specified a web-based Email service, the **Edit Mail Application Settings** dialog box will open. Select the Email service you wish to use.
  - Note that if you select **Outlook Web Access**, you will be required to enter the related URL address, login name, and password.
  - If you select **Other**, you will need to enter the URL address of that other web-based Email service.
- Click **Finish**. The next time you click the **Mail** icon pictured above, the Email service you chose will be invoked.
  - After logging in to the web-based Email service, you can use that service's option to "stay logged in" if you want it to remember your login/password and log you in automatically every time you click the **Mail** icon in the future.

NOTE: You can also view and edit Email attachments. If the attachment is a PDF, DOC, XLS, or PPT file, you may view and/or edit the file, but note that the file can only be saved to external storage such as a USB device.

Switching to a different Email service

If you have already specified an Email service to be used with Latitude ON Flash, and then later decide to use a different Email service, you can switch to the desired Email service at any time by clicking Applications in the **Settings** Panel (or by right-clicking on the **Mail** icon), and then clicking **Edit** under "*Mail Application*."

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Using the LaunchBar

The LaunchBar is located at the bottom of the Latitude ON screen by default. (You can change the position of the LaunchBar by clicking on the LaunchBar icon in the **Settings** panel and then setting the Orientation.)

Click on the icons in the LaunchBar to invoke/switch between applications, or to launch various utilities. Each icon on the LaunchBar is individually illustrated below.

	Mail. Left-click this icon to access the web-based Email application which has been specified to use with Latitude ON Flash. If no Email application has yet been specified, the Edit Mail Application Settings dialog box will open. You can also right-click the icon to open the *Edit Mail Application Settings* dialog box anytime.
	Web. Starts the web browser for access to the World Wide Web, optimized to give you a great Internet experience instantly.
	Starts the **Chat** instant messaging tool, which lets you use your existing accounts in various instant messaging programs to chat with your friends, and to set preferences as desired. A separate Help file for **Chat** can be accessed from within the **Chat** application.
	VoIP. Starts **Skype™** , a VoIP (Voice-over-Internet Protocol) application that lets you communicate free-of-charge with other Skype users. A separate Help file for **Skype** can be accessed from within the **Skype** application.
	Remotely access a server via rdesktop.
	Access applications on a server remotely via Citrix Receiver.
	Remotely access a server via VMware View Client.
	Starts the **Music** application, which allows you to play music files in the MP3 format. A separate Help file for **Music Player** can be accessed from within the **Music Player** application.
	Starts **Photo**, an image viewer that lets you arrange your JPEG / BMP / GIF / PNG files into albums, and display/share them in different view modes. A separate Help file for **Photo Manager** can be accessed from within the **Photo Manager** application.
	Removable storage device indicator. This icon displays in the LaunchBar when a removable storage device such as a USB drive is inserted into the system. Left-clicking on it will open the *File Manager* window, which lets you conveniently access the folders/files on the removable storage device. If you want to remove the storage device, right-click on the icon and then select **Eject USB Disk**.

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	WWAN. If a WWAN device is inserted and enabled, this **WWAN** icon will be displayed in the LaunchBar. (If the device is detected but disabled, it will display as .) Hovering the mouse pointer over the icon will display the current WWAN connection status and the detected signal strength. Clicking on the icon will open the **Network Configuration** dialog box, with the **WWAN** tab active.
	Network status. Hovering the mouse pointer over this icon will display the current LAN and WiFi connection status. If you click this icon, the **Network Configuration** dialog box opens, which can also be opened from the **Settings** panel.
	Volume. Clicking this icon will open the same Volume control box that opens when you click **Volume** on the Settings panel. Hovering the mouse pointer over the icon will display the current volume setting for the main speaker and microphone.
	Help. Click this icon to access the main on-line Help for Latitude ON Flash. After opening the **Help** window, you can access the **About** box (which displays version and copyright information) by clicking on the icon near the upper right of the Help window.
	Opens the Settings panel, which allows you to set preferences for various functions and behaviors in Latitude ON Flash.
	Enter OS. Allows you to exit Latitude ON Flash and log in to your Microsoft® Windows® operating system. After you click this icon, a message will ask you to confirm.
	Shut Down. After you click this icon, you will be required to confirm that you want to turn off the computer. Any changes you have made during this session will automatically be saved.
	Battery/AC Power status. One of several different icons might display, depending on power source and current strength. (Only a few samples are illustrated at left.) Hover the mouse pointer over the displayed icon to display Power status/level. Or, click on the icon if you wish to open the **Power Management** tab of Environment Settings.

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Using the Settings Panel

To open the **Settings Panel**, click the icon in the LaunchBar. Then, click on the desired icon within the Settings Panel to open the corresponding configuration tool. The following tools are available:

	Date and Time. Opens a dialog box that lets you set the date and time, and select a time zone. You can also open this dialog box by clicking on the time display in the LaunchBar of the Latitude ON screen.
	Input Language. Lets you adjust input methods, languages, and options for the SCIM (Smart Common Input Method) Input Language feature. NOTE: To enable this feature, make sure the **Enable input language service** checkbox is checked. Then, placing the Text Cursor within an editable input field of Latitude ON Flash and pressing **Ctrl + Space** will activate the current SCIM input language. To turn off the SCIM feature, press the **Ctrl + Space** hotkey again.
	Language and Keyboard. Allows you to set the input language and input method desired — the language in which menus, messages, etc. will be displayed, and the language for keyboard input.
	LaunchBar settings. Allows you to: • Specify the default location of the LaunchBar. • Turn the display of ToolTips (on the LaunchBar) on or off. • Elect whether or not to Auto-Hide the LaunchBar. • Choose whether or not to force it to display on top of other windows.
	Network. Specify how your computer connects to the Internet. If assistance is needed, you can click the **Connection Assistant** button for easy setup.
	Environment Settings. This dialog box contains two tabs: ***Power Management* tab** — Two profiles with default settings are provided. Select either the **Energy Saving** profile or the **Performance** profile. If desired, you can change the default time-out settings for *Display* or for *Shutdown*, according to the type of power supply being used. If you change the settings, a new profile named **Custom** will automatically be created for those settings. ***General* tab** — This tab contains a **Restore** button. It allows you to clear the Latitude ON Flash settings, as well as any personal information stored by the web browser, restoring the system to the default factory settings. The user data/environment will be reset to the original default configuration. All bookmarks, network settings, and other changes you made will be lost. After you click **Restore**, a confirmation dialog box will open. If you click **Yes** in the confirmation dialog box, your system will shut down, in order to finish clearing the settings. This is also useful in the rare case where settings might become corrupted.
	Display. Choose the most optimal screen resolution for your display.
	Volume. Lets you adjust the output volume for your speaker/headphone; or the input volume for your built-in or external microphone. You can click **Advanced** in the Volume box if you wish to specify *Microphone 1* (Default) or *Microphone 2* (Front/External).

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	Applications. Click the **Edit** button for the related item if you want to change the current settings for: • **Mail Application**: The default web-based Email service to be accessed when the **Mail** icon is clicked in the LaunchBar or in the main screen. • **rdesktop**: A variety of settings for type of display, local resources, and logon. • **Remote Desktop**: Choose the remote desktop application you want to be available for selection in the first screen every time you log in to Latitude ON Flash.
	User Account. Allows you to change your password for Latitude ON Flash. To view the rules for password creation, click the question mark icon in the **Account Setup** dialog box.

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Latitude ON button / Power button Behavior

The following tables describe the effect of pressing the **Power** button, or the **Latitude ON** button (∞) next to it, depending on the current state of the computer.

Latitude ON mode		
Computer state	**Press Latitude ON button**	**Press Power button**
Off	Boots to Latitude ON Flash	Boots to Windows
At initial password screen or Main application launch screen	Powers down system	Powers down system
On	Powers down system	User is prompted to shut down, or boot to Windows

Windows mode (Latitude ON Configuration Utility installed)		
Computer state	**Press Latitude ON button**	**Press Power button**
Off	Boots to Latitude ON Flash	Boots to Windows
Standby / Hybrid Sleep	Windows will resume and immediately hibernate. Latitude ON Flash will then boot. *	Resume to Windows
Hibernate	Boots to Latitude ON Flash	Resume to Windows
On	Windows will immediately hibernate and Latitude ON Flash will then boot. *	User configured action in Windows

* If the Latitude ON Flash user account(s) have not been configured, you will be prompted to configure an account.

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Hotkeys Supported in Latitude ON™ Flash

Hot Key	Action
Fn + F2	Enable / Disable battery charger
Fn + F4	Enable / Disable Numlock
Fn + ←	Enable / Disable Ambient Light Sensor
Fn + →	Enable / Disable backlit keyboard (if installed)
Fn + ↑	Increase LCD brightness
Fn + ↓	Decrease LCD brightness

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Obtaining source code for Open Source programs

This product contains software that is licensed under the **General Public License** Version 2 (“**GPL**”) which is listed below in “GPL Software.” This product also contains software that is licensed under the **Lesser General Public License** Version 2.1 (“**LGPL**”) which is listed below in “LGPL Software.” We have included copies of the GPL and the LGPL in the Acknowledgements section.

You will find the source code in an archive file in the C:\DELL sub-directory on your system. You can also download the source code from the Dell Support website at **http://support.dell.com**.

GPL Software

- **acpid** 1.0.4
- **acpi-support** 0.109-11
- **actkbd** 0.2.8
- **Alps touchpad show coordinate in procfs** 2.6.27.7
- **alsa** 1.0.20-5.12rc1
- **alsa-utils** 1.0.14rc2
- **alsa-utils** 1.0.15
- **another union file system patch** SVN20080610
- **anthy** 9100e
- **at-spi** 1.22.1-0
- **bash** 3.1.17
- **bash** 3.2-0
- **bbdock** 0.2.8
- **bbkeys** 0.9.0
- **beep** 1.2.2
- **bootsplash** 3.1.6
- **Broadcom's hybrid Linux driver** 5.10.91.9
- **busybox** 1.8.2
- **busybox static build** 1.5.0
- **compat_wireless** 2.6.30
- **coreutils** 5.94
- **coreutils** 6.9
- **dbus** 1.2.12
- **dbus-glib** 0.80
- **DeviceVM version structure patch** 2.6.27.7
- **disable cursor in console mode** 2.6.27.7
- **dmidecode** 2.8
- **dmraid** 1.0.0.rc15
- **e2fsprogs** 1.38
- **eject** 2.1.4
- **Ericsson 3G device driver** 0.03
- **ethtool** 3
- **FBV** 1.0b
- **Find Meta Data** 1.0.0
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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see **http://www.cwi.nl**) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see **http://www.cnri.reston.va.us**) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to **BeOpen.com** to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see **http://www.zope.com**). In 2001, the Python Software Foundation (PSF, see **http://www.python.org/psf/**) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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2.1	2.0 + 1.6.1	2001	PSF	no
2.0.1	2.0 + 1.6.1	2001	PSF	yes
2.1.1	2.1 + 2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
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